

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 09/835,316

IN THE CLAIMS:

Please enter the following amended claims:

1. (Currently Amended) A touch type liquid-crystal display device comprising:

a liquid-crystal display panel having flexibility; and

a touch panel ~~provided to adhere closely to~~ disposed on a back side, opposite to a visual side, of said liquid-crystal display panel; and,

wherein said touch panel comprises at least one pair of electrodes disposed to be opposite to each other through ~~and separated by~~ a gap, said electrodes being adapted for coming into partial contact with each other by a pressing force to thereby detect an input position.

[Handwritten mark: A stylized 'A' with a wavy line extending from its top.]

2. (Currently Amended) A touch type liquid-crystal display device according to claim 1,

wherein ~~a substrate is disposed in~~ said liquid-crystal display panel comprises a substrate disposed on the ~~a~~ touch panel side, and has either a light absorbing layer or a light reflection layer.

3. (Currently Amended) A touch type liquid-crystal display device according to claim 1,

wherein ~~a substrate is disposed in~~ said liquid-crystal display panel ~~on the touch panel side and is made of a colored substrate~~ comprises a colored substrate disposed, and said electrodes are disposed on a back side, opposite to a visual side, of said colored substrate.

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4. (Currently Amended) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer is located ~~in the~~ at an inner or outer side of said touch-panel-side substrate of said liquid-crystal display panel.

5. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein said ~~device~~ touch panel further comprises a film ~~which has interposed between~~ one of said electrodes ~~on one surface of said film while said film is bonded through an adhesive layer,~~ ~~on the other surface, to the back side opposite to the visual side of said touch panel side substrate~~ ~~of~~ and said liquid-crystal display panel.

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C*

6. (Original) A touch type liquid-crystal display device according to claim 5, wherein said film has said light absorbing layer on said other surface on which no electrode is provided or said film has said light reflection layer in an inner side of said electrode provided on an electrode-side surface of said film.

7. (Currently Amended) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer serves also as ~~said~~ an electrode ~~in an inner side of said touch panel side substrate~~ of said liquid-crystal display panel.

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8. (Original) A touch type liquid-crystal display device according to claim 2, wherein said light reflection layer is made of a film for forming a light reflection means.

9. (Original) A touch type liquid-crystal display device according to claim 2, further comprising an illuminator disposed on a back side, opposite to a visual side, of said touch panel, wherein said light reflection layer is of a semi-transmission type.

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10. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein ~~a substrate of~~ said liquid-crystal display panel comprises a substrate made of a resin substrate.

11. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel ~~is of~~ comprises a macromolecular dispersion type liquid-crystal display panel.

12. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein said liquid-crystal display panel ~~is of the type using~~ comprises a cholesteric liquid crystal.

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13. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein ~~at least one substrate disposed in~~ has said liquid-crystal display panel comprises at least one substrate having a protrusion ~~in an inner side of said substrate.~~

14. (Currently Amended) A touch type liquid-crystal display device according to claim 1, wherein ~~said touch panel side substrate of~~ said liquid-crystal display panel comprises a substrate which serves also as a substrate for supporting one of said electrodes in said touch panel.

*altered
united*

15. (Currently Amended) An input detecting method comprising steps of:

disposing a touch panel having comprising at least a pair of electrodes opposite to each other through a gap on a back side, opposite to a visual side, of a liquid-crystal display panel; and partially bending said liquid-crystal display panel by a pressing force to bring said electrodes of said touch panel into partial contact with each other to thereby detect a position of said pressing force.